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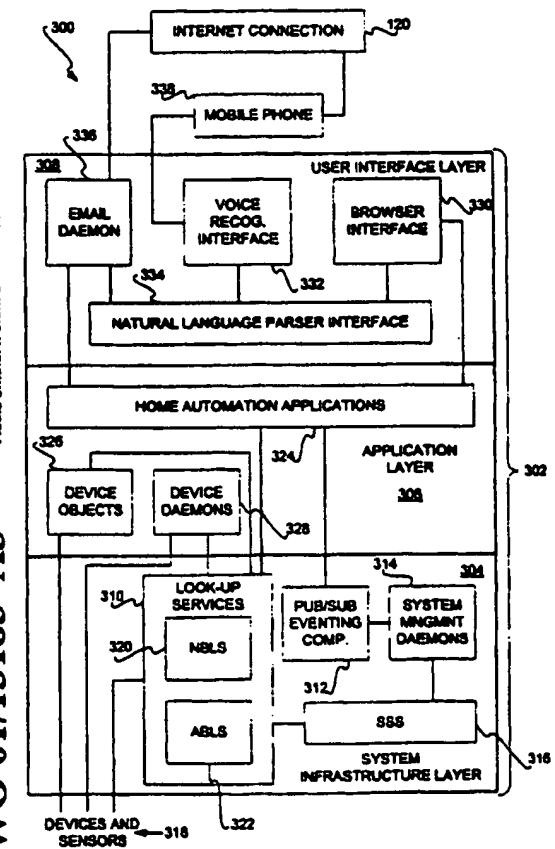
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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04L29/12 H04L12/24 H04L12/28 H04L12/26 H04L29/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 932 275 A (SONY ELECTRONICS INC) 28 July 1999 (1999-07-28) paragraphs '0006!, '0008!, '0010!, '0012!, '0013!, '0044!- '0049!, '0052!, '0072!, '0074!, '0085!, '0086!, '0095!	1-20
A	RIS H R: "EIB-BUS-EUROPAISCHER INSTALLATIONSBUS TEIL 2" ELEKTROTECHNIK, DE, VOGEL VERLAG K.G., WURZBURG, no. 7/08, 1993, pages 61-67, XP000567405. ISSN: 1431-9578 page 61, left-hand column, line 30 -right-hand column, line 14 -/-	1-20

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Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	EP 0 778 684 A (NCR INT INC) 11 June 1997 (1997-06-11) column 1, line 35 - line 50 -----	1-20

INTERNATIONAL SEARCH REPORT

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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
EP 0932275 A	28-07-1999	US 6038625 A	JP 11275117 A	14-03-2000 08-10-1999
EP 0778684 A	11-06-1997	US 5745682 A	JP 9190396 A	28-04-1998 22-07-1997